



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: <b>PCT/US97/21174</b></p> <p>(22) International Filing Date: <b>14 November 1997 (14.11.97)</b></p> <p>(30) Priority Data:</p> <table> <tr><td>08/751,203</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,668</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,271</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/758,734</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,209</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,661</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,236</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,487</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,269</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,923</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,658</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,552</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,933</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,663</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/746,899</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,915</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/752,400</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,922</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> <tr><td>08/751,961</td><td>18 November 1996 (18.11.96)</td><td>US</td></tr> </table>		08/751,203	18 November 1996 (18.11.96)	US	08/751,668	18 November 1996 (18.11.96)	US	08/752,271	18 November 1996 (18.11.96)	US	08/758,734	18 November 1996 (18.11.96)	US	08/751,209	18 November 1996 (18.11.96)	US	08/751,661	18 November 1996 (18.11.96)	US	08/752,236	18 November 1996 (18.11.96)	US	08/752,487	18 November 1996 (18.11.96)	US	08/752,269	18 November 1996 (18.11.96)	US	08/751,923	18 November 1996 (18.11.96)	US	08/751,658	18 November 1996 (18.11.96)	US	08/752,552	18 November 1996 (18.11.96)	US	08/751,933	18 November 1996 (18.11.96)	US	08/751,663	18 November 1996 (18.11.96)	US	08/746,899	18 November 1996 (18.11.96)	US	08/751,915	18 November 1996 (18.11.96)	US	08/752,400	18 November 1996 (18.11.96)	US	08/751,922	18 November 1996 (18.11.96)	US	08/751,961	18 November 1996 (18.11.96)	US	<p><b>GOTTLIEB, Louis, G. [US/US]; 6639 Foxdale Circle, Colorado Springs, CO 80919 (US). COLLIER, Matthew, T. [US/US]; 12983 Thistlethorn Drive, Herndon, VA 20171 (US). WILLE, Andrew, N. [US/US]; 3380 Oriole Court, N.E., Cedar Rapids, IA 52401 (US). RINDE, Joseph [US/US]; 7706 Fontaine Street, Potomac, MD 20854 (US). LITZENBERGER, Paul, D. [US/US]; 420 West Oak Street, Wylie, TX 75098 (US). TURNER, Don, A. [US/US]; 4204 Magnolia Drive, McKinney, TX 75070 (US). WALTERS, John, J. [US/US]; 2601 Lexington, McKinney, TX 75070 (US). EASTEP, Guido, M. [US/US]; 3005 Saint Germain Drive, McKinney, TX 75070 (US). MARSHALL, David, D. [US/US]; 1008 Serenade Lane, Richardson, TX 75081 (US). PRICE, Ricky, A. [US/US]; 2991 Hillingdon Drive, Richardson, TX 75082 (US). SALEH, Bilal, A. [SY/US]; 1205 E. Camp McDonald Road, Prospect Heights, IL 60070 (US).</b></p> <p>(74) Agents: <b>WARREN, Sanford, E., Jr.; Warren &amp; Perez, Suite 710, 8411 Preston Road, Dallas, TX 75225 (US) et al.</b></p> <p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b></p>
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<p>(71) Applicant (for all designated States except US): <b>MCI COMMUNICATIONS CORPORATION [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).</b></p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): <b>ELLIOTT, Isaac, K. [US/US]; 3855 Orchard Drive, Colorado Springs, CO 80920 (US). STEELE, Rick, D. [US/US]; 6314 Dessbury Drive, Colorado Springs, CO 80918 (US). GALVIN, Thomas, J. [US/US]; 1085 Milstead Drive, Hiawatha, IA 52233 (US). LAFRENIERE, Lawrence, L. [US/US]; 3220 Brunswick Drive, Colorado Springs, CO 80920 (US). KRISHNASWAMY, Sridhar [IN/US]; 7312 Beckett Drive, N.E., Cedar Rapids, IA 52402 (US). FORGY, Glen, A. [US/US]; 19 Montrose Avenue, Iowa City, IA 52245 (US). REYNOLDS, Tim, E. [US/US]; 3123 Juniper Drive, Iowa City, IA 52245 (US). SOLBRIG, Erin, M. [US/US]; 3405 Guadalajara Road, S.W., Cedar Rapids, IA 52404 (US). CERF, Vinton [US/US]; 3614 Camelot Drive, Annadale, VA 22003 (US). GROSS, Phil [US/US]; 20331 Cockerill Road, Purcellville, VA 22132 (US). DUGAN, Andrew, J. [US/US]; 2025 Tabor Court, Colorado Springs, CO 80919 (US). SIMS, William, A. [US/US]; 4930 Townsend Drive, Colorado Springs, CO 80922 (US). HOLMES, Allen [US/US]; 5375 Chambrey Court, Colorado Springs, CO 80919 (US). SMITH, Robert, S., II [US/US]; 5045 Dorset Lane, Suwanee, GA 30174 (US). KELLY, Patrick, J., III [US/US]; 2710 Briarhurst Drive, Houston, TX 77057 (US).</b></p>																																																											
<p>(54) Title: <b>A COMMUNICATION SYSTEM ARCHITECTURE</b></p> <p>(57) Abstract</p> <p>Telephone calls, data and other multimedia information is routed through a hybrid network which includes transfer of information across the internet. A media order entry captures complete user profile information for a user. This profile information is utilized by the system throughout the media experience for routing, billing, monitoring, reporting and other media control functions. Users can manage more aspects of a network than previously possible, and control network activities from a central site.</p>																																																											